

Water-Data Report 2008

404510074240201 Local number 270017 Madison 4 Obs

Sand and gravel aquifers (glaciated regions)

Stratified Drift

Morris County, NJ

LOCATION.--Lat 40°45'08", long 74°24'02" referenced to North American Datum of 1927, Madison Borough, Morris County, NJ, Hydrologic Unit 02030103, at the Madison Borough Public Works facility, John Ave. and Dean St.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 100 ft. Upper casing diameter 8 in. Drilled observation well.

DATUM.--Land-surface datum is 194.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 1.97 ft above land-surface datum, Oct. 1, 1982, to present.

PERIOD OF RECORD.--Apr. 1955 to current year.

GAGE.--None: periodic measurements with chalked steel tape. Water-level recorder, Apr. 1955 to June 1970.

REMARKS.--Water level is affected by nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 8.50 ft below land surface, Apr. 30, 1955; lowest, 42.01 ft below land surface, Aug. 15, 2002.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Date	Water level	Date	Water level
May 1	15.42	Sep 3	25.89

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